

Rabbit PTK7 Polyclonal Antibody | anti-PTK7 antibody

PTK7 Antibody

CATALOG # AAA40316	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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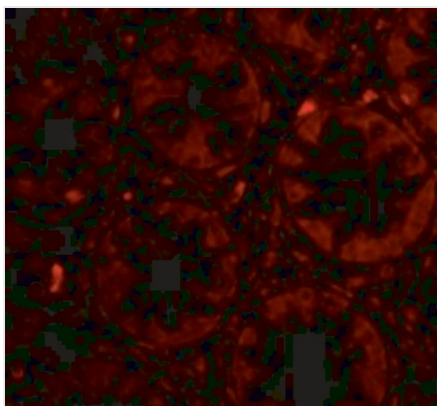
PRODUCT SYNONYMS

PTK7; Polyclonal Antibody; PTK7 Antibody; CCK4; CCK-4; Inactive tyrosine-protein kinase 7; Colon carcinoma kinase 4; PTK7 protein tyrosine kinase 7; anti-PTK7 antibody

PRODUCT SPECIFICATIONS

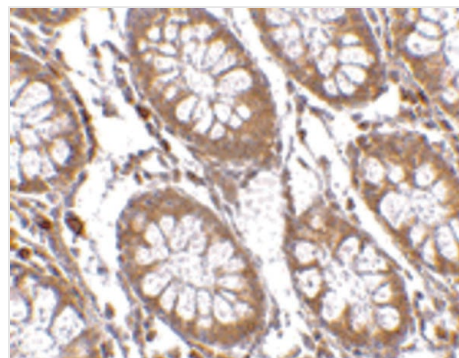
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	PTK7 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1070
Applicable Applications for anti-PTK7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	PTK7 antibody was raised against a 18 amino acid synthetic peptide from near the carboxy terminus of human PTK7.
Buffer	PTK7 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	PTK7 antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



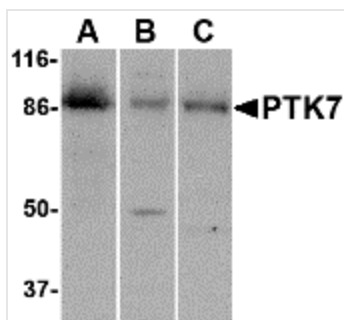
IF (Immunofluorescence)

Immunofluorescence of PTK7 in Human Colon cells with PTK7 antibody at 20 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of PTK7 in human colon tissue with PTK7 antibody at 2.5 μg/mL.



WB (Western Blot)

Western blot analysis of PTK7 in (A) human colon, (B) mouse kidney and (C) rat liver tissue lysate with PTK7 antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PTK7 antibody

PTK7 Antibody: Protein-tyrosine kinases (PTKs) play important roles in regulating cell proliferation and differentiation during development. One member of the PTK family, PTK7, has been suggested to regulate the planar cell polarity (PCP) pathway in vertebrates and may play a role in neural convergent extension and neural tube closure. PTK7 has also been implicated in the development of cancer. Loss of PTK7 expression was seen in several melanoma cell lines and biopsies. Conversely, high-throughput analysis of acute myeloid leukemia samples showed an increased level of PTK7 expression compared to normal bone marrow and purified CD34+ cells. Multiple isoforms of PTK7 are known to exist.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47938093
NCBI GeneID	5754
UniProt Accession #	Q13308; Q13417; Q5T650; Q6IQ54; Q8NFA5; Q8NFA6; Q8NFA7; Q8NFA8; A8K974; B7Z477; E9PFZ5
Molecular Weight	119,197 Da
NCBI Official Full Name	PTK7 protein tyrosine kinase 7
NCBI Official Synonym Full Names	protein tyrosine kinase 7 (inactive)
NCBI Official Symbol	PTK7
NCBI Official Synonym Symbols	CCK4; CCK-4
NCBI Protein Information	inactive tyrosine-protein kinase 7; colon carcinoma kinase 4; PTK7 protein tyrosine kinase 7; tyrosine-protein kinase-like 7; pseudo tyrosine kinase receptor 7
UniProt Protein Name	Inactive tyrosine-protein kinase 7
UniProt Gene Name	PTK7
UniProt Synonym Gene Names	CCK4; CCK-4
UniProt Entry Name	PTK7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptk7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40316>